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ABSTRACT OF THE DISCLOSURE

A data adapter including method and apparatus is presented. In one embodiment, the data adapter is a method. The method includes finding a set of records of a relational database matching an object instance of an object type. The method further includes updating the set of records of the relational database based on a first set of instances of components of the object instance, the instances of components of the first set corresponding to the records of the set of records. The method further includes inserting new records in the relational database corresponding to a second set of instances of components of the object instance, the instances of components of the second set not matching records of the set of records. The method also includes recursively repeating the finding, updating and inserting with respect to child components of the components.